

International Registry Numbers and Classifications Lactic Acid

Customs Tariff Number 29181100
according harmonised system (HS code)

Chemicals Inventory Listing

EINECS Nr. (EC No.) 201-196-2
European Inventory of Existing Chemical Substances

CAS No. 79-33-4
Chemical Abstracts Service, USA

AICS listed (=CAS No.)
Australian Inventory of Chemical Substances, Australia

DSL listed (=CAS No.)
Domestic Substances List, Canada

ECL KE-21803
Existing Chemicals List, Korea

ENCS No. (MITI No.) listed (=CAS No.)
Existing and New Chemical Substances, Japan

PICCS listed
Philippine Inventory of Chemicals and Chemical Substances, Philippines

IECSC listed (=CAS No.)
Inventory of Existing Chemical Substances in China

REACH
Registration number 01-2119474164-39-0004

Food Additive Listing

EU Food additive E 270

FDA (Food and Drug Administration, USA) 21 CFR § 184.1061
Code of Federal Regulations

Cosmetic Listing

CTFA, INCI listed as lactic acid
Cosmetic, Toiletry and Fragrance Association, USA
International Cosmetic Ingredients (INCI)

US Environmental Listing - Environmental Protection Agency (EPA)

TSCA No. 79-33-4 (= CAS No.)
Toxic Substances Control Act, USA

CERCLA not listed
Comprehensive Environmental Response, Compensation, and Liability Act

SARA not listed
Superfund Amendments and Reauthorization Act
Section 302 Extremely Hazardous Substances
Section 313 Toxic Chemical Release

California Proposition 65 not listed
Proposition 65 State Drinking Water and Toxic Enforcement Act

OSHA not considered highly hazardous by OSHA

EC Environmental Listing - European Environment Agency (EEA)



EC Symbols

EC Risk Phrases H318/H315
P264, P280, P302 + P352, P332 + P313, P305 + P351 + P338, P310

WGK 1 (Self-Classification)
Water Hazard Classes, Germany

Microbiological Specification

L(+)-Lactic Acid

All food grades

Product name	L(+)-lactic acid 50% food grade L(+)-lactic acid 80% food grade L(+)-lactic acid 80% heat stable food grade L(+)-lactic acid 88% food grade L(+)-lactic acid 88% heat stable food grade L(+)-lactic acid 90% heat stable food grade	C ₃ H ₆ O ₃
EC No.	201-196-2 (general 200-018-0)	
CAS No.	79-33-4 (general 50-21-5)	
E-No.	E 270	

Total Plate Count	max. 100 cfu / 1 g
Yeasts	max. 10 cfu / 1 g
Moulds	max. 10 cfu / 1 g
Listeria monocytogenes	absence / 25 g
Salmonella	absence / 25 g
Escherichia coli	negative to test
Enterobacteriaceae	negative to test
Staphylococcus aureus (as coagulase-positive staphylococci)	negative to test

All analytical methods are in accordance with the requirements of the International Organization for Standardization (ISO) or equivalent test methods.